

# Hartsfield-Jackson Atlanta International Airport

## Atlanta, GA

### Client

City of Atlanta Department of Aviation

### Value

Confidential

### Completion

2008

### Assignment

Construction Management

### Awards

#### Fifth Runway

*Best of 2006 — Transportation*  
Southeast Construction

#### I-285 Bridge Structures

*2007 America Concrete Institute Awards*  
— *First Place, Public Works Category*  
America Concrete Institute, Georgia Chapter

#### The Atrium

*1996 Georgia Build Award*  
Associated General Contractors,  
Georgia Chapter

*1996 Excellence in Construction Award*  
Associated Builders and Contractors

*1995 National Excellence Award*  
National Association Builders and  
Contractors

#### Concourse E

*1995 Outstanding Achievement Award*  
American Concrete Institute, Georgia Chapter

Bovis Lend Lease has been actively involved in the airport construction since the late 1980s, completing multiple projects including the award-winning Fifth Runway, I-285 Bridge Structure, Atrium and Concourse E projects.

### CM Services for Development Program

Bovis Lend Lease managed the multi-project program.

### Fifth Runway Project

Bovis Lend Lease managed the construction of this 9,000-foot runway and its many components. The project included a full-length parallel taxiway and dual north/south taxiways, two bridges capable of sustaining one million pound aircraft, embankment, lighting, underground utilities, storm drainage collection systems, wetlands mitigation, signage, the relocation of high-voltage transmission lines and roadways, and the demolition/ removal of existing pavement, fencing, buildings and foundations. The Fifth Runway, Runway 10/28, accommodates CAT III operations – take-off and landings in all weather conditions. The two bridges, which overpass Interstate 285, an 18-lane highway, were constructed with minimal disruption to the highway and surrounding community.

The \$1.2 billion Fifth Runway project is the first assignment awarded to the joint venture team, Hartsfield-Jackson Construction Management, consisting of Bovis Lend Lease, DMJM Aviation, Thacker Operating Company, Louis Berger & Associates and Luster CM, Inc. The team is one of only two construction managers selected for the US\$5.4 billion, ten-year redevelopment plan.

### Additional Projects

AGT Power Overhaul — Replacement of 4.5 million feet of low voltage signal cable in the Automated People Mover tunnel; working between 1:00 and 5:00 a.m. daily, the project was completed with minimal disruption to the operating airport.



Aviation Cargo Expansion (above) — The 350,000 square foot cargo expansion was comprised of three masonry buildings with 180-foot trusses.

Jetway Renovations — The project included the renovation of the passenger loading bridges and loading bridges to building connectors at Delta gates on Concourses A, B, T-South and D-North.

T Concourse Information Center — The three-story, 750-foot addition added four boarding gates for the Delta flights; the apron level provided office space for Delta airlines.

Concourse C Terminal Redevelopment — The 250,000 square feet of Concourse C renovations included new interior finishes and MEP upgrades. The renovations included the installation new floor coverings, wall coverings, toilet partitions and fixtures bringing the restrooms and fire alarm system in compliance with ADA codes.

Concourse D Renovations — The program included toilet/rest area renovations, the addition of interior finishes and installation of additional lighting.

Baggage Infill — The 10,000 square foot addition and 10,000 square feet of renovations to South Terminal (Gate 79) accommodates additional baggage claim equipment and facilities.

DOA Conference Center, Atrium Phase II — The 20,000 square foot Department of Aviation Conference Center contains four bathrooms, three large classrooms, four pre-function areas, two computer rooms, two phone/data areas, a press conference

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room, a board meeting room, a VIP conference room, a reception area, management staff offices and 17 small conference rooms.

**First Union Bank, Atrium** — The 900-square foot branch bank provides a bank teller area with private conference room, a currency exchange area and an ATM area with three ATMs and a card-dispensing machine. Also, 13 ATMs were installed throughout Concourses A, B, C, D and the Main Terminal.



**The Atrium** — Construction of a four-story, 254,050 square foot structure, built over the underground rapid transit system, providing retail and concession areas, conference center, office facilities and loading areas. The Atrium features a 60-foot diameter skylight, a 34-foot glass clock tower (above), terrazzo flooring and cold cathode “neon” accent lighting.

**Concourse E Communications** — The communications project put in place a sound and public address system, common airline data (ticketing), multi-user flight information display system, baggage information display system, uninterrupted power system, telephones, satellite television, ramp tower telecommunications and International Air Security Systems.

**Concourse E Interiors** — The tenant up-fit included all interior finishes including wall and floor coverings, common area millwork consisting of desks and shelves, the ground control tower, Federal Inspection Service, AICA and Immigration Service

tenant work, and concession base building utilities. Also, installed heavy wire mesh around the walls and above the ceiling for added security for a federal office at the airport.

**Maintenance Building Renovations** — The 54,110 square foot renovation of two buildings included the installation of an elevator, construction of a mezzanine area and interior demolition.

**Concourse E Substructure** — The three-story underground structure houses the Automated Ground Transfer System and its maintenance facility. In eight months 7,400 tons of rebar was placed, and over 100,000 cubic yards of concrete was poured.

**Concourse A Transfer Point Expansion** — The 84,444, square foot expansion included the remodeling of the center point and additions to the vertical transportation. The structural steel addition features aluminum siding and a glass and porcelain curtain wall. The single-ply CPE roof has two skylights and is resistant to jet fuel deterioration.

**Maintenance Building #7** — The project involved renovations to the 18,665 Square foot maintenance facility.

**International Concourse** — The 750-foot addition to the concourse and three-story addition to the International Concourse added four boarding gates for international flights.